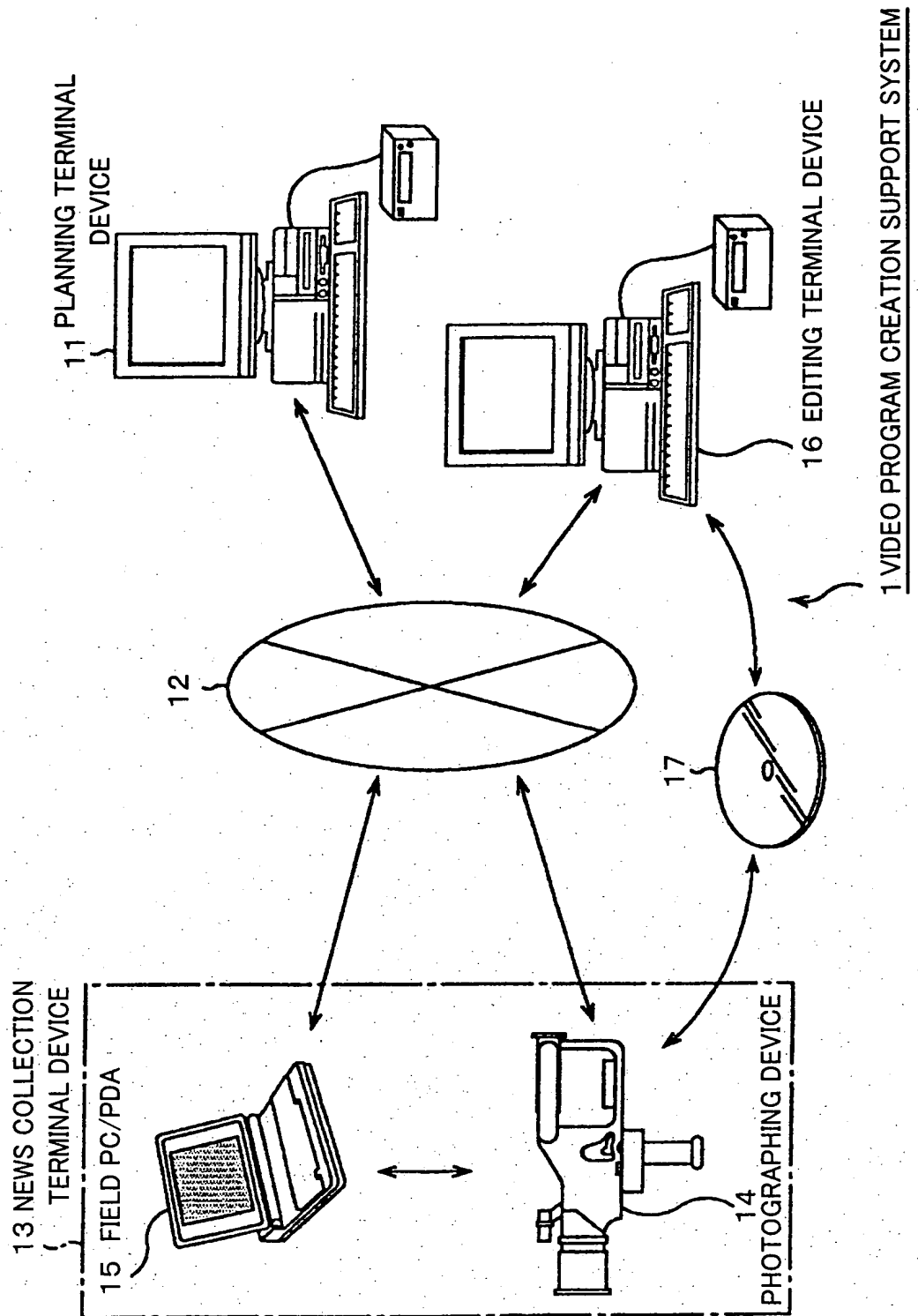
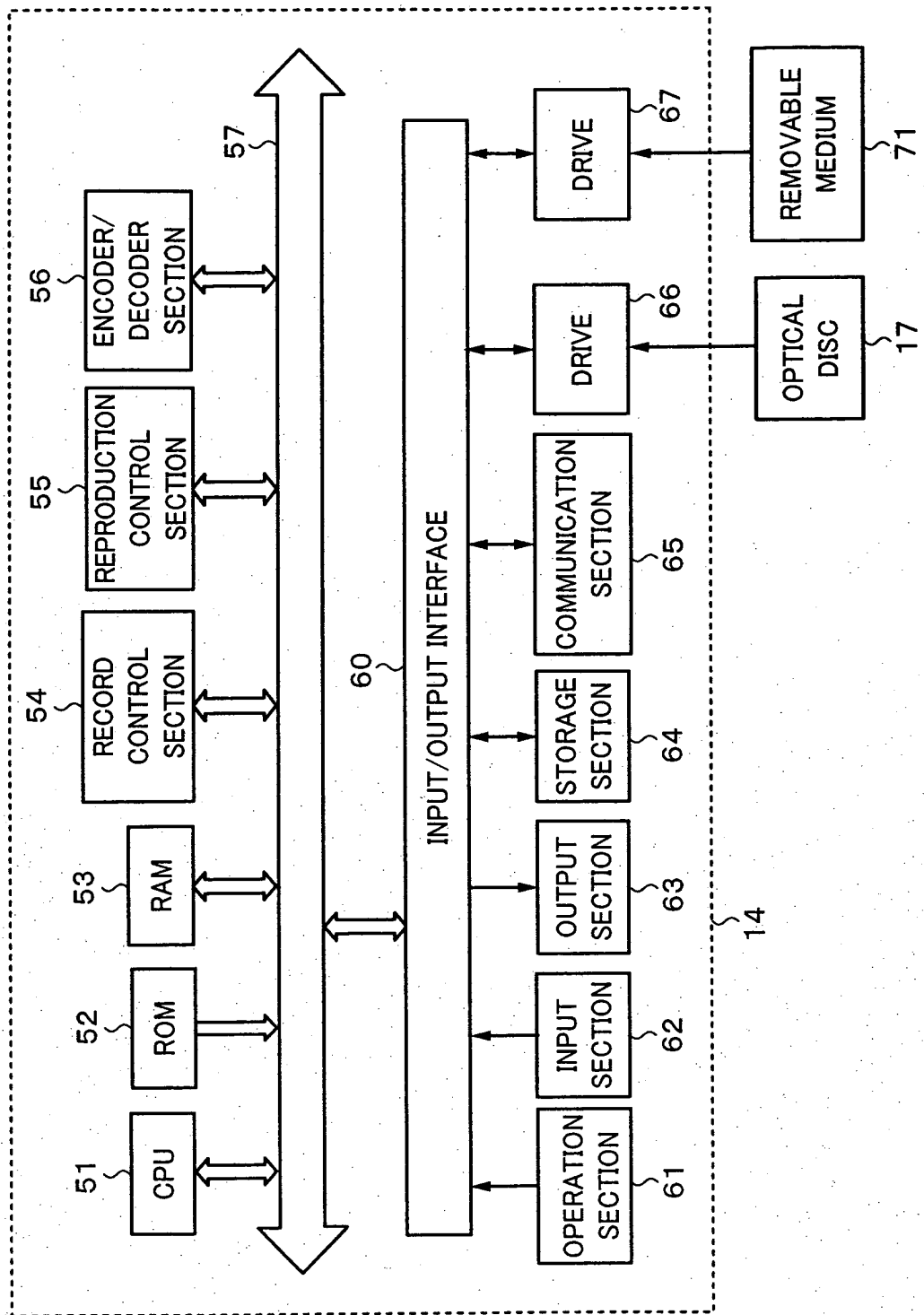


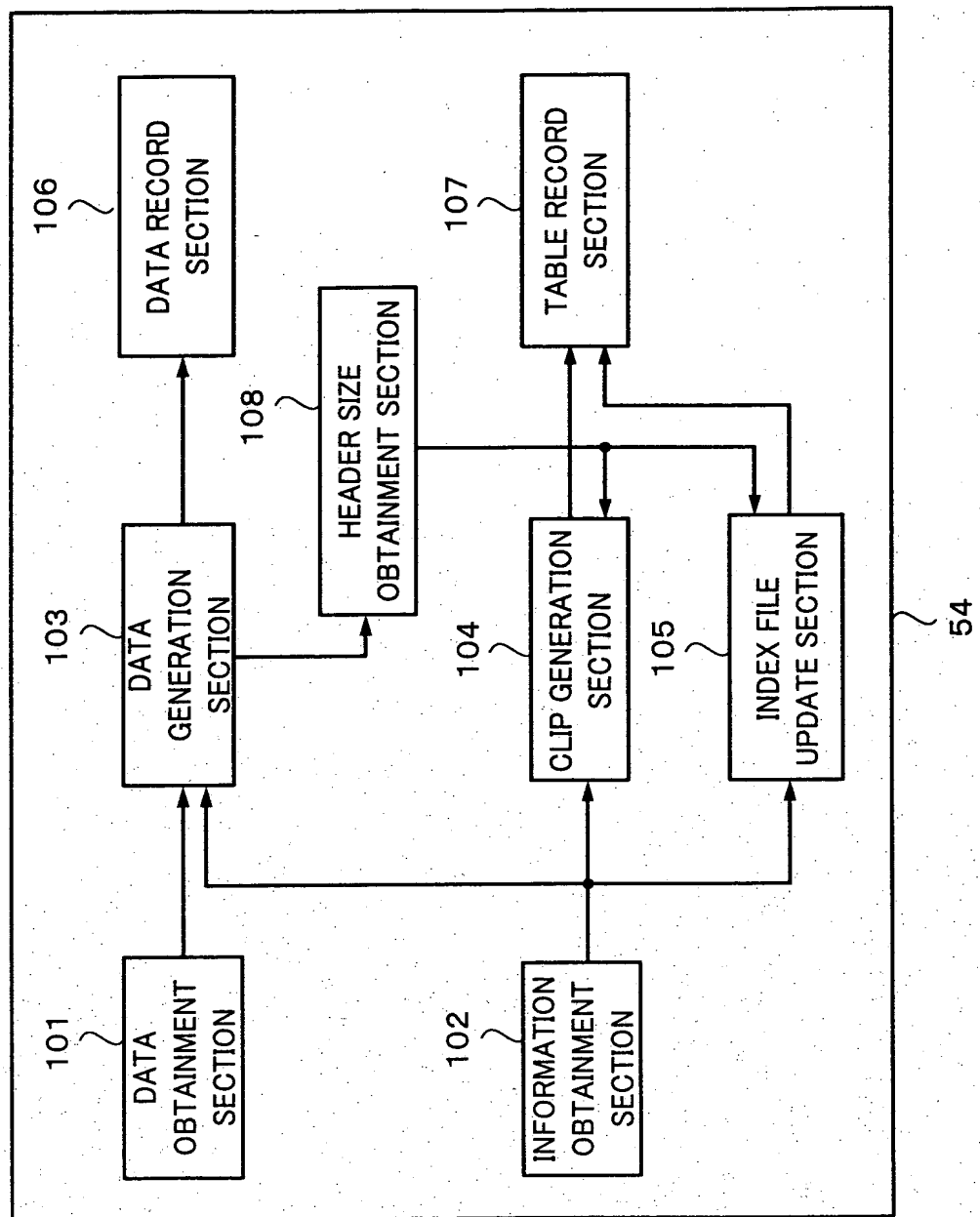
**Fig. 1**



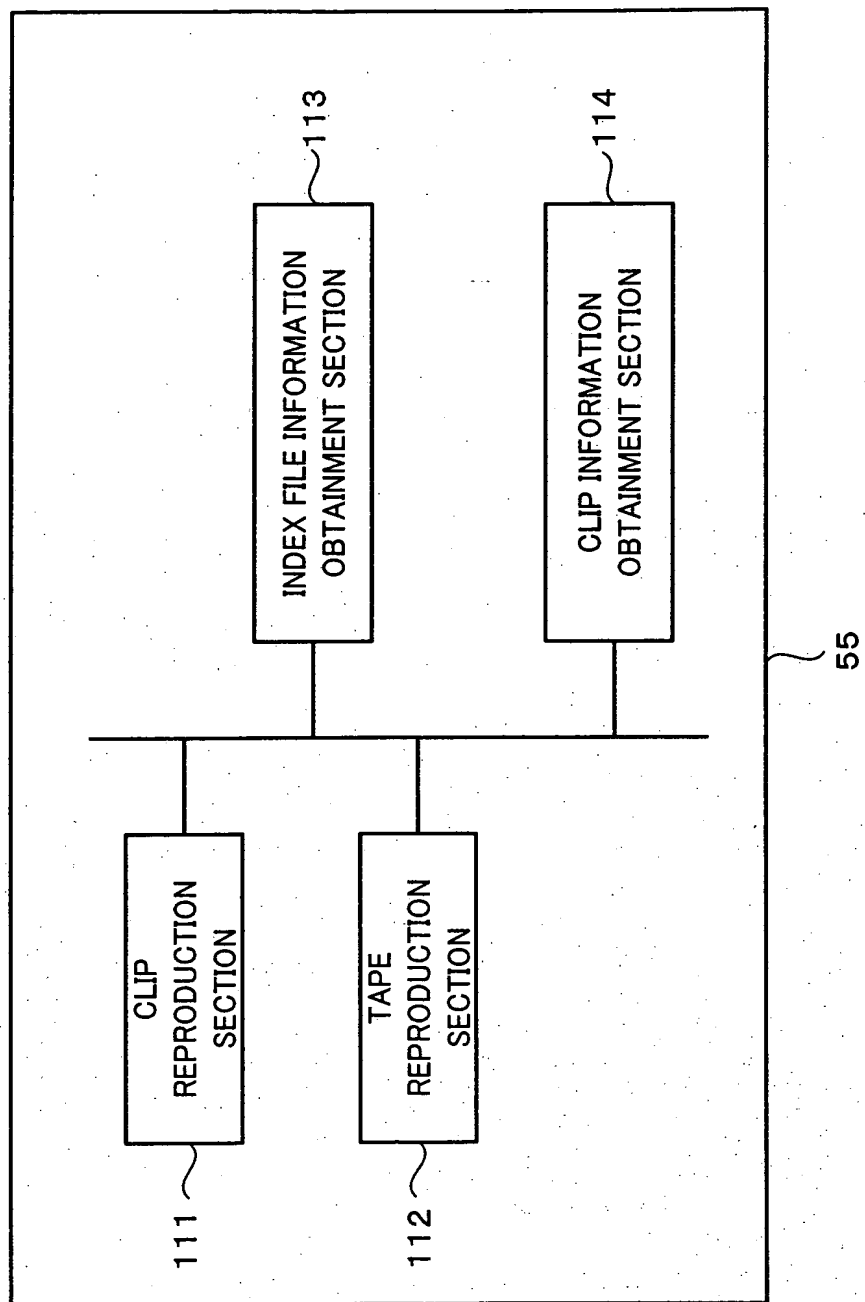
**Fig. 2**



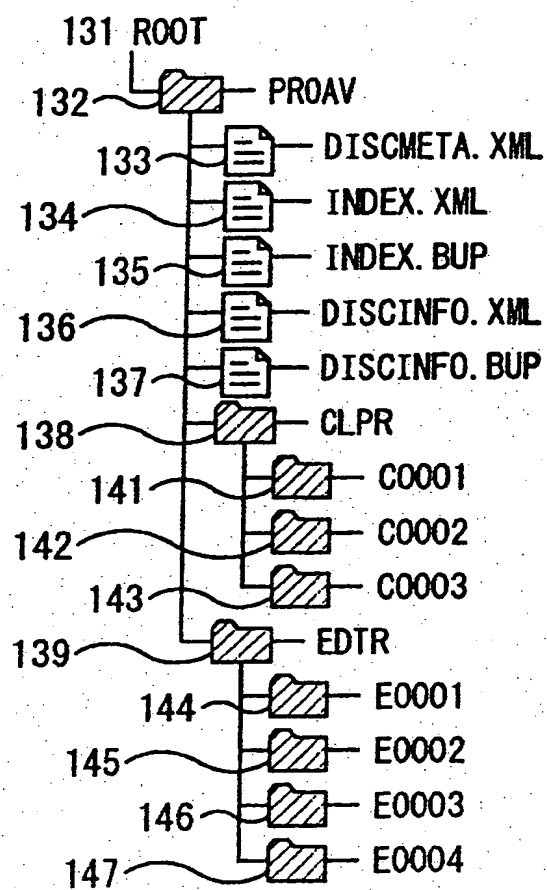
**Fig. 3**



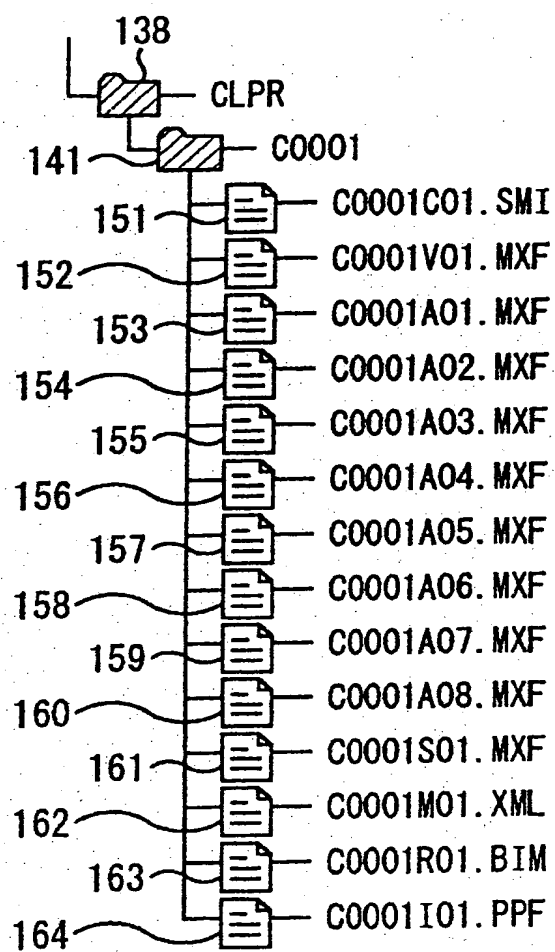
**Fig. 4**



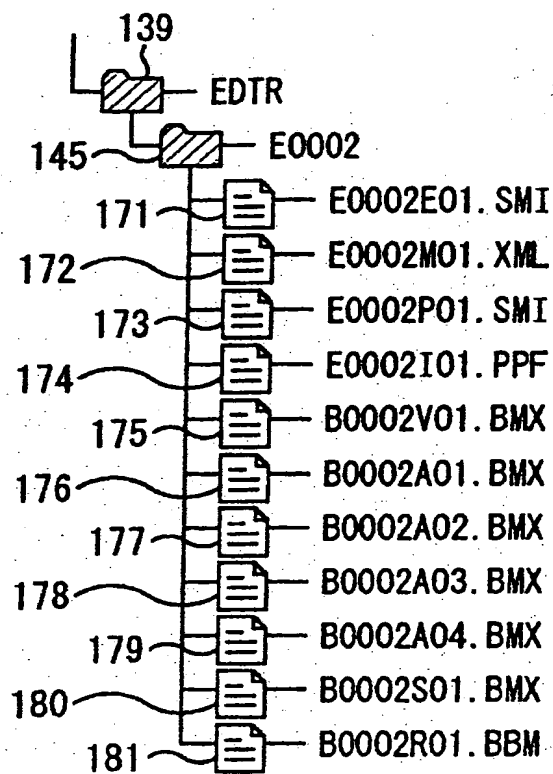
**Fig. 5**



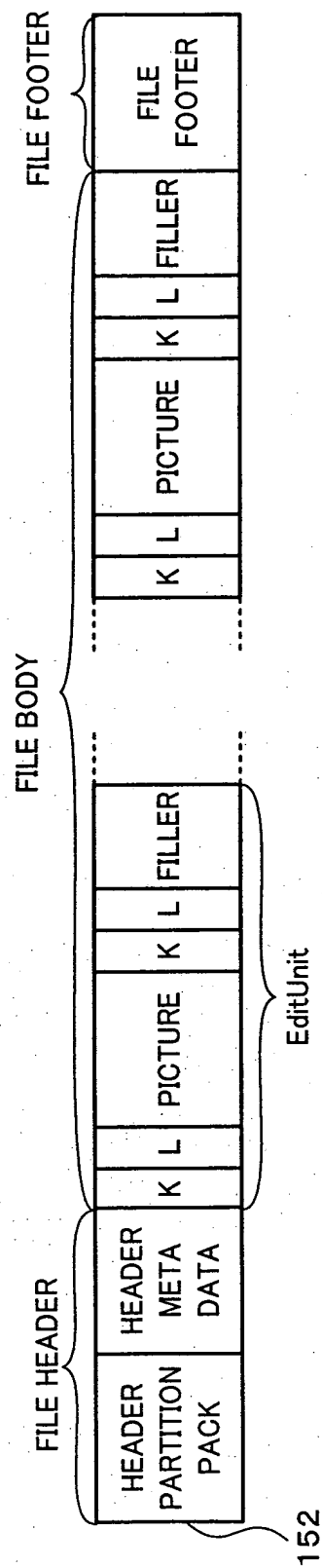
**Fig. 6**



**Fig. 7**



# Fig. 8





**Fig. 9**

```
1: <?xml version="1.0" encoding="UTF-8" ?>
2: <indexFile xmlns="urn:schemas-professionaIDisc:index:2003"
3:   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4:   xsi:noNamespaceSchemaLocation="index.xsd">
5:   + <clipTable path="/PROAV/CLPR/">
6:   + <editListTable path="/PROAV/EDTR/">
7:   </indexFile>
```

**Fig. 10**

```
1: <clipTable path="/PROAV/CLPR/">
2:   + <clip id="C0001"
3:     umid="0123456789ABCDEF0123456789ABCDEF0123456789AA"
4:     file="C0001C01.SMI" fps="59.94i" dur="12001" ch="4"
5:     aspectRatio="4:3">
6:   + <clip id="C0002"
7:     umid="0123456789ABCDEF0123456789ABCDEF0123456789AB"
8:     file="C0002C01.SMI" fps="59.94i" dur="4000" ch="4"
9:     aspectRatio="4:3">
10:  + <clip id="C0003"
11:    umid="0123456789ABCDEF0123456789ABCDEF0123456789AC"
12:    file="C0003C01.SMI" fps="59.94i" dur="100000" ch="4"
13:    aspectRatio="4:3">
14:  + <clip id="C0004"
15:    umid="0123456789ABCDEF0123456789ABCDEF0123456789AD"
16:    file="C0004C01.SMI" fps="59.94i" dur="12001" ch="4"
17:    aspectRatio="16:9">
18: </clipTable>
```

**Fig. 11**

```

1: <clip id="C0001" umid="0123456789ABCDEF0123456789ABCDEF0123456789AA"
2:   file="C0001C01.SMI" fps="59.94i" dur="12001" ch="4" aspectRatio="4:3">
3: <video umid="0123456789ABCDEF0123456789ABCDEF0123456789A1"
4:   file="C0001V01.MXF" type="DV25_411P" header="65536"/>
5: <audio umid="0123456789ABCDEF0123456789ABCDEF0123456789A2"
6:   file="C0001A01.MXF" type="LPCM16" header="65536" cast="CH1"/>
7: <audio umid="0123456789ABCDEF0123456789ABCDEF0123456789A3"
8:   file="C0001A02.MXF" type="LPCM16" header="65536" cast="CH2"/>
9: <audio umid="0123456789ABCDEF0123456789ABCDEF0123456789A4"
10:  file="C0001A03.MXF" type="LPCM16" header="65536" cast="CH3"/>
11: <audio umid="0123456789ABCDEF0123456789ABCDEF0123456789A5"
12:  file="C0001A04.MXF" type="LPCM16" header="65536" cast="CH4"/>
13: <subStream umid="0123456789ABCDEF0123456789ABCDEF0123456789A6"
14:   file="C0001S01.MXF" type="PD-SubStream" header="65536"/>
15: <meta file="C0001M01.XML" type="PD-Meta"/>
16: <rtmeta file="C0001R01.BIN" type="std" header="65536"/>
17: </clip>

```

**Fig. 12**

```

1:  <editlistTable path="/PROAV/EDTR/">
2:    + <editlist id="E0001"
3:      umid="0123456789ABCDEF0123456789ABCDEF0123456789BB"
4:      file="E0001E01.SMI" dur="500" fps="59.94i" ch="4"
5:      aspectRatio="4:3">
6:    + <editlist id="E0002"
7:      umid="0123456789ABCDEF0123456789ABCDEF0123456789BC"
8:      file="E0002E01.SMI" dur="500" fps="59.94i" ch="4"
9:      aspectRatio="4:3">
10:   + <editlist id="E0003"
11:     umid="0123456789ABCDEF0123456789ABCDEF0123456789BD"
12:     file="E0003E01.SMI" dur="500" fps="59.94i" ch="4"
13:     aspectRatio="4:3">
14:   + <editlist id="E0004"
15:     umid="0123456789ABCDEF0123456789ABCDEF0123456789BE"
16:     file="E0003E01.SMI" dur="500" fps="59.94i" ch="4"
17:     aspectRatio="16:9">
18: </editlistTable>

```

**Fig. 13**

```
1: <editlist id="E0001"  
2:   umid="0123456789ABCDEF0123456789ABCDEF0123456789B1"  
3:   file="E0001E01.SMI" dur="500" fps="59.94i" ch="4"  
4:   aspectRatio="4:3">  
5:     <playlist file="E0001P01.SMI"/>  
6:     <meta file="E0001M01.XML" type="PD-Meta"/>  
7: </editlist>
```

# Fig. 14

```

1: <body>
2:   <par>
3:     <switch>
4:       <!-- main stream -->
5:       <par systemComponent="IMX50">
6:         <video>
7:           src="urn:smpte:umid:060A2B3401010501010D12130000000123456789ABCDEF0123456789ABCDE
8:           F" type="IMX50" header="65536"/>
9:         <audio>
10:          src="urn:smpte:umid:060A2B3401010501010D12130000000123456789ABCDEF0123456789ABCDEF
11:          0" type="LPCM16" header="65536" trackDst="CH1"/>
12:        <audio>
13:          src="urn:smpte:umid:060A2B3401010501010D1213000000023456789ABCDEF0123456789ABCDEF0
14:          1" type="LPCM16" header="65536" trackDst="CH2"/>
15:        <audio>
16:          src="urn:smpte:umid:060A2B3401010501010D121300000003456789ABCDEF0123456789ABCDEF01
17:          2" type="LPCM16" header="65536" trackDst="CH3"/>
18:        <audio>
19:          src="urn:smpte:umid:060A2B3401010501010D12130000000456789ABCDEF0123456789ABCDEF012
20:          3" type="LPCM16" header="65536" trackDst="CH4"/>

```

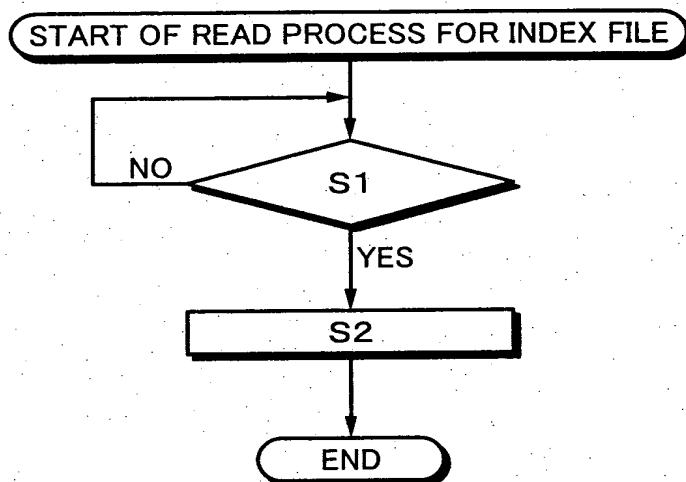
# Fig. 15

```

21:      <audio
22:  src="urn:smp:umid:060A2B3401010501010D121300000056789ABCDEF0123456789ABCDEF0123
23:  4" type="LPCM16" header"65536" trackDst="CH5"/>
24:      <audio
25:  src="urn:smp:umid:060A2B3401010501010D12130000006789ABCDEF0123456789ABCDEF01234
26:  5" type="LPCM16" header"65536" trackDst="CH6"/>
27:      <audio
28:  src="urn:smp:umid:060A2B3401010501010D1213000000789ABCDEF0123456789ABCDEF012345
29:  6" type="LPCM16" header"65536" trackDst="CH7"/>
30:      <audio
31:  src="urn:smp:umid:060A2B3401010501010D121300000089ABCDEF0123456789ABCDEF0123456
32:  7" type="LPCM16" header"65536" trackDst="CH8"/>
33:    </par>
34:    <!-- sub stream -->
35:    <ref
36:  src="urn:smp:umid:060A2B3401010501010D12130000009ABCDEF0123456789ABCDEF01234567
37:  8" type="SubStream" header"65536" systemComponent="PD-SubStream"/>
38:    </switch>
39:    <!-- realtime meta -->
40:    <metastream src="C0001R01.BIM" type="std" header"65536"/>
41:  </par>
42: </body>

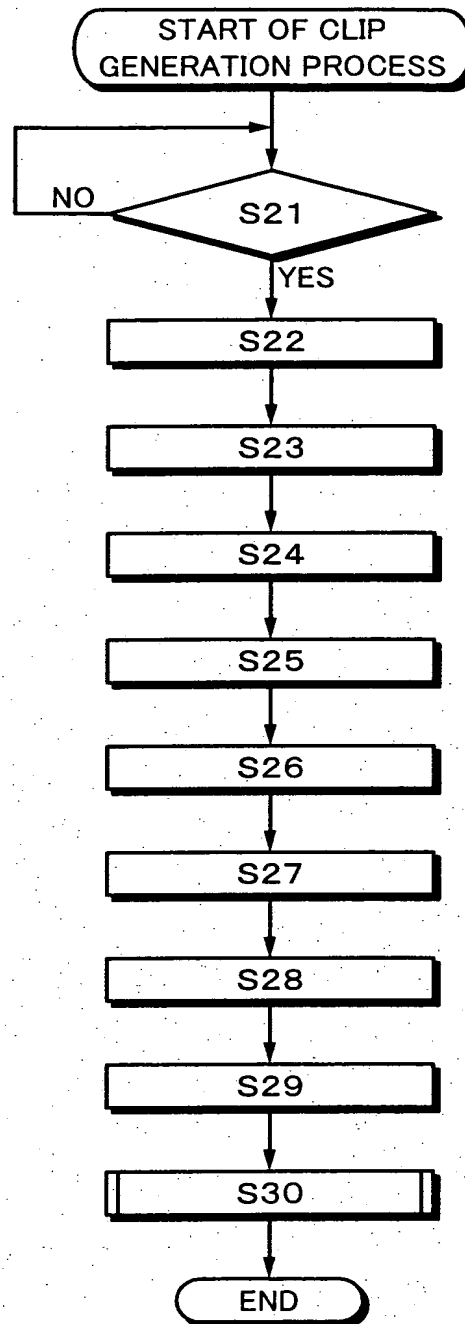
```

**Fig. 16**

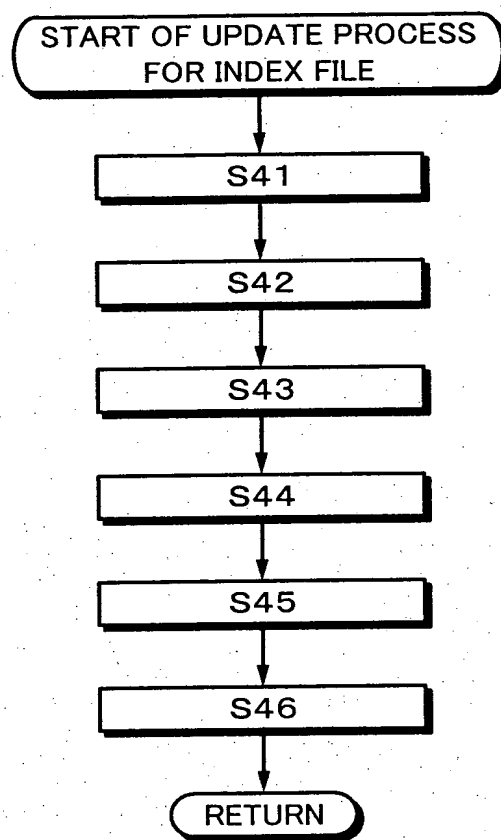




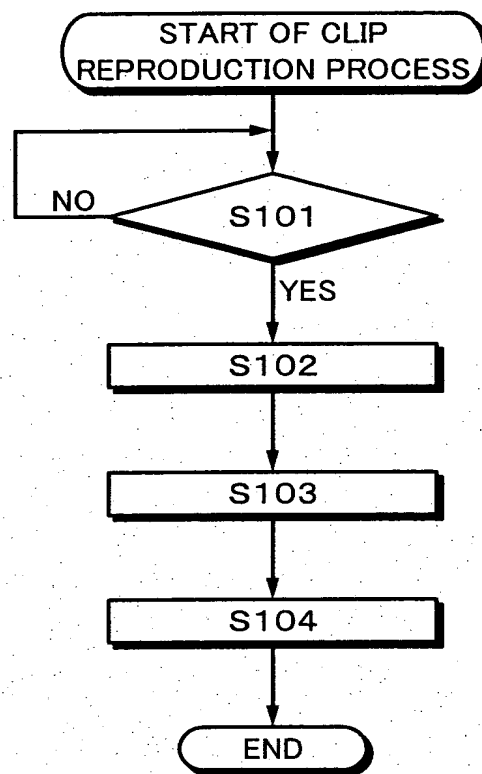
**Fig. 17**



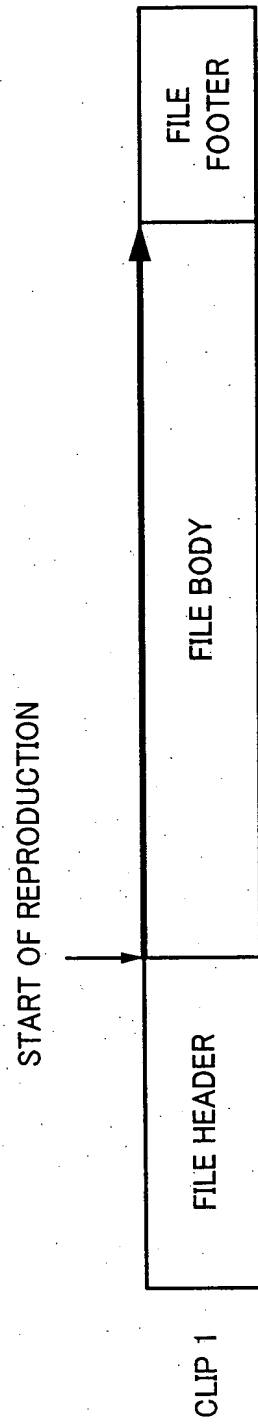
**Fig. 18**



**Fig. 19**



**Fig. 20**



**Fig. 21**

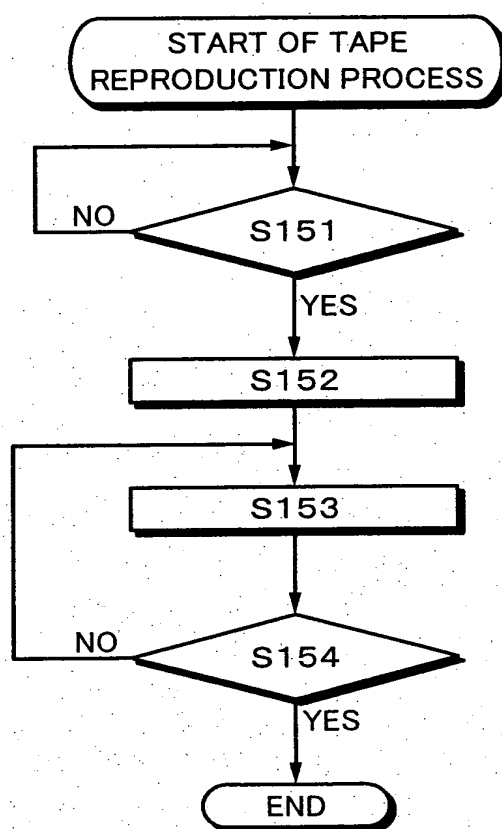
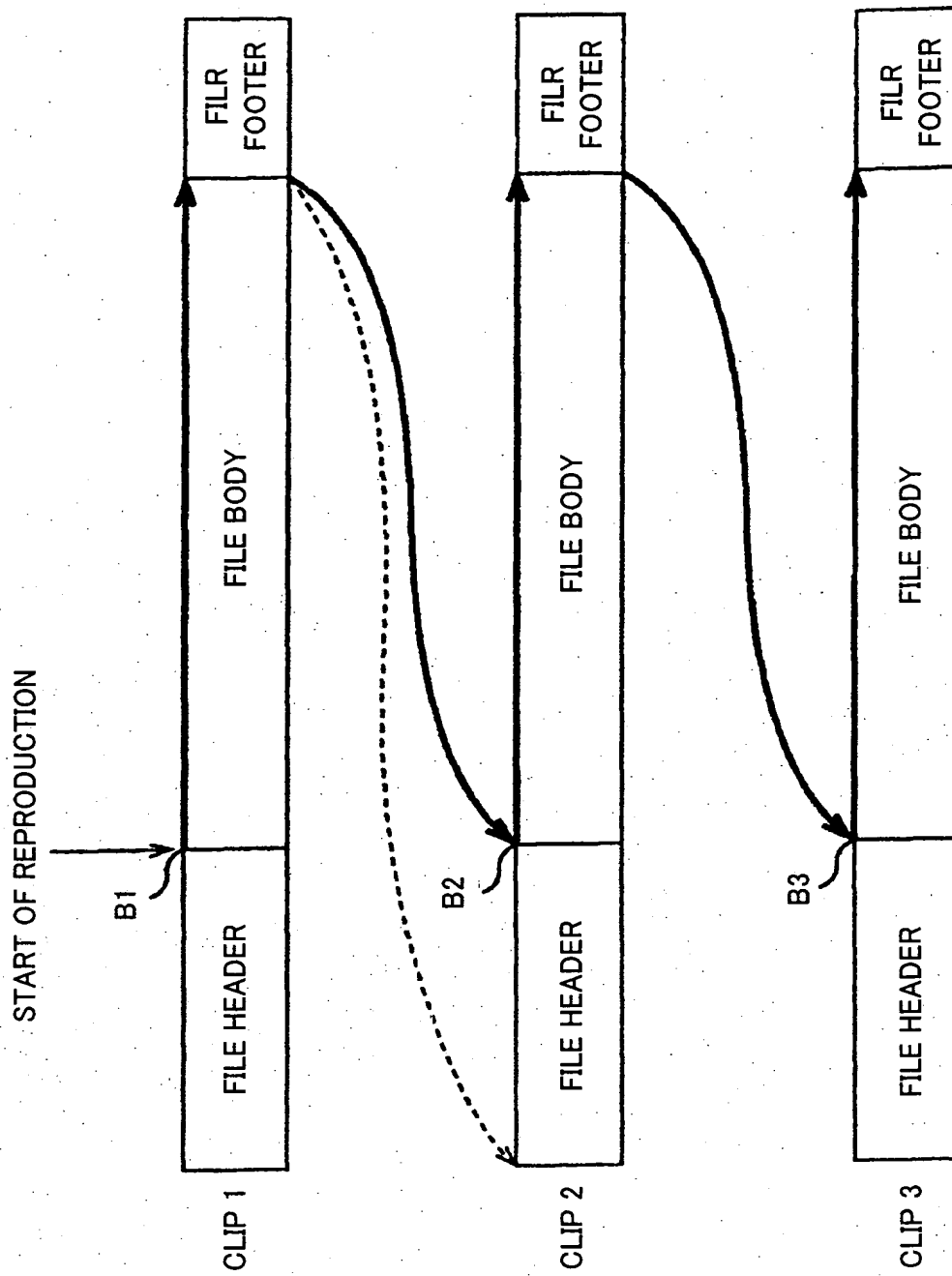


Fig. 22



## DESCRIPTION OF REFERENCE NUMERALS

1	VIDEO PROGRAM CREATION SUPPORT SYSTEM
1.1	PLANNING TERMINAL DEVICE
12	NETWORK
13	NEWS COLLECTION TERMINAL DEVICE
14	PHOTOGRAPHING DEVICE
15	FIELD PC
16	EDITING TERMINAL DEVICE
17	OPTICAL DISC
54	RECORD CONTROL SECTION
55	REPRODUCTION CONTROL SECTION
56	ENCODER/DECODER SECTION
66	DRIVE
101	DATA OBTAINMENT SECTION
102	INFORMATION OBTAINMENT SECTION
103	DATA GENERATION SECTION
104	CLIP GENERATION SECTION
105	INDEX FILE UPDATE SECTION
106	DATA RECORD SECTION
107	TABLE RECORD SECTION
111	CLIP REPRODUCTION SECTION
112	TAPE REPRODUCTION SECTION
113	INDEX FILE INFORMATION OBTAINMENT SECTION
114	CLIP INFORMATION OBTAINMENT SECTION
134	INDEX FILE

151 CLIP INFORMATION FILE

S1 HAS DISC BEEN LOADED ?

S2 READ INDEX FILE.

S21 HAS DATA RECORD START COMMAND BEEN ISSUED ?

S22 OBTAIN PARAMETER INFORMATION.

S23 GENERATE CLIP DIRECTORY.

S24 GENERATE EACH FILE OF ESSENCE DATA.

S25 GENERATE FRAME META DATA FILE.

S26 GENERATE CLIP META DATA FILE.

S27 GENERATE PICTURE POINTER FILE.

S28 OBTAIN HEADER SIZE OF ESSENCE DATA.

S29 GENERATE CLIP INFORMATION FILE ACCORDING TO HEADER SIZE AND  
PARAMETER INFORMATION.

S30 UPDATE PROCESS FOR INDEX FILE

S41 GENERATE CLIP ELEMENT DESCRIBING UMID AND FILE NAME OF CLIP.

S42 DESCRIBE ATTRIBUTE INFORMATION IN CLIP ELEMENT ACCORDING TO  
PARAMETER INFORMATION.

S43 GENERATE CLIP CHILD ELEMENT DESCRIBING UMID AND FILE NAME OF  
ESSENCE DATA OF CLIP.

S44 DESCRIBE ATTRIBUTE INFORMATION IN CLIP CHILD ELEMENT ACCORDING  
TO PARAMETER INFORMATION.

S45 DESCRIBE HEADER SIZE IN CLIP CHILD ELEMENT.

S46 ADD CLIP ELEMENT AND CLIP CHILD ELEMENT TO CLIP TABLE.

S101 HAS CLIP REPRODUCTION START COMMAND BEEN ISSUED ?

S102 READ DESIGNATED CLIP INFORMATION FILE.



- S103      OBTAIN FILE NAME CORRESPONDING TO UMID OF ESSENCE DATA TO BE  
REPRODUCED FROM INDEX FILE.
- S104      REPRODUCE ESSENCE DATA FROM POSITION OF WHICH HEADER SIZE IS  
REMOVED FROM ESSENCE DATA OF OBTAINED FILE NAME.
- S151      HAS TAPE REPRODUCTION COMMAND BEEN ISSUED ?
- S152      OBTAIN CLIP ELEMENT OF CLIP TABLE.
- S153      REPRODUCE ESSENCE DATA FROM POSITION OF WHICH HEADER SIZE IS  
REMOVED FROM ESSENCE DATA OF CORRESPONDING CLIP ELEMENT.
- S154      HAS PROCESS FOR ALL CLIPS BEEN COMPLETED ?